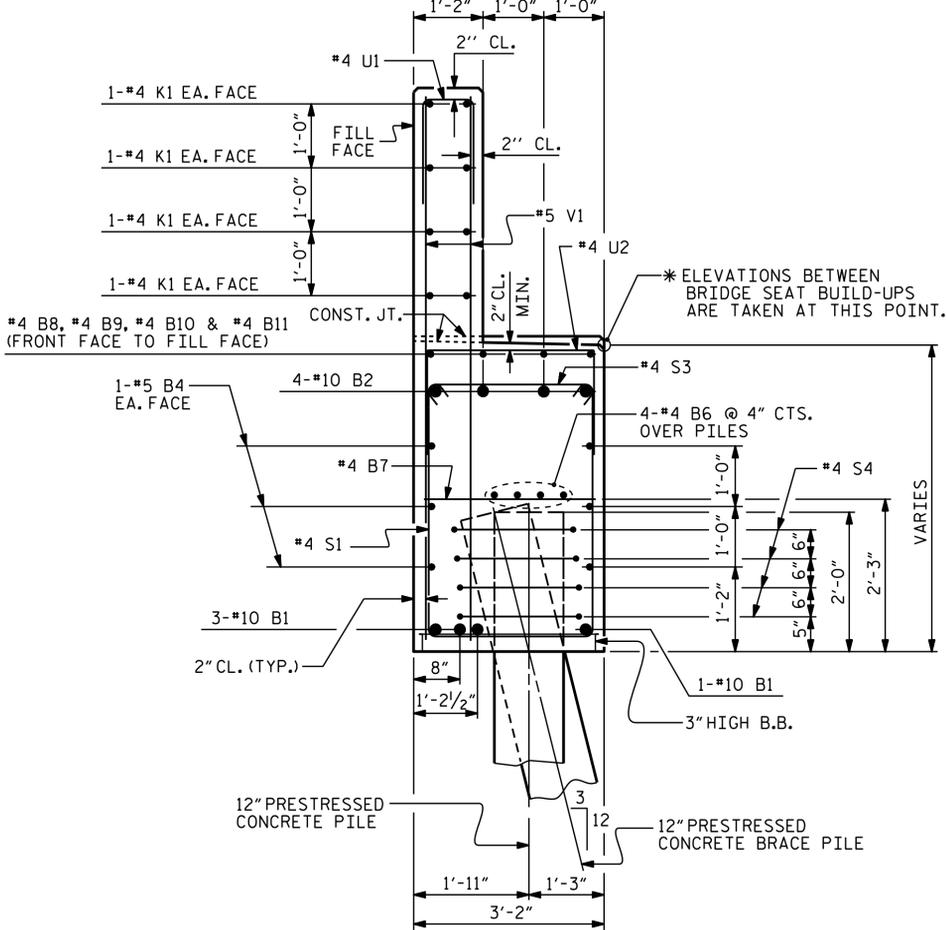
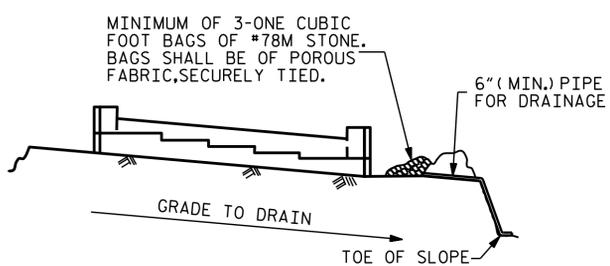


SECTION A-A



SECTION B-B



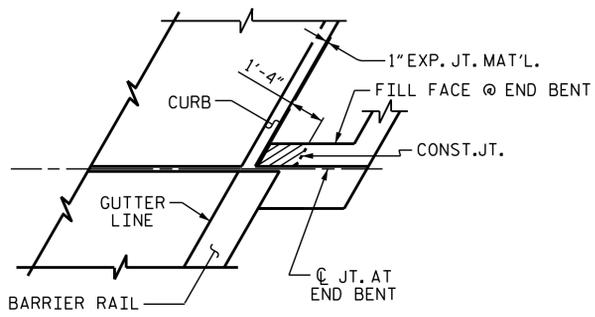
BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR EFFECTIVENESS.

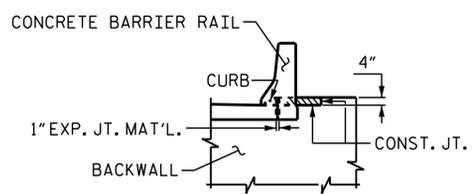
NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

TEMPORARY DRAINAGE AT END BENT

DRAWN BY: K.P. SEDA I, P.E. DATE: 6/16/14
 CHECKED BY: M.D. PISO DATE: 8/11/14
 DESIGN ENGINEER OF RECORD: E.K. POPE DATE: 1/21/15



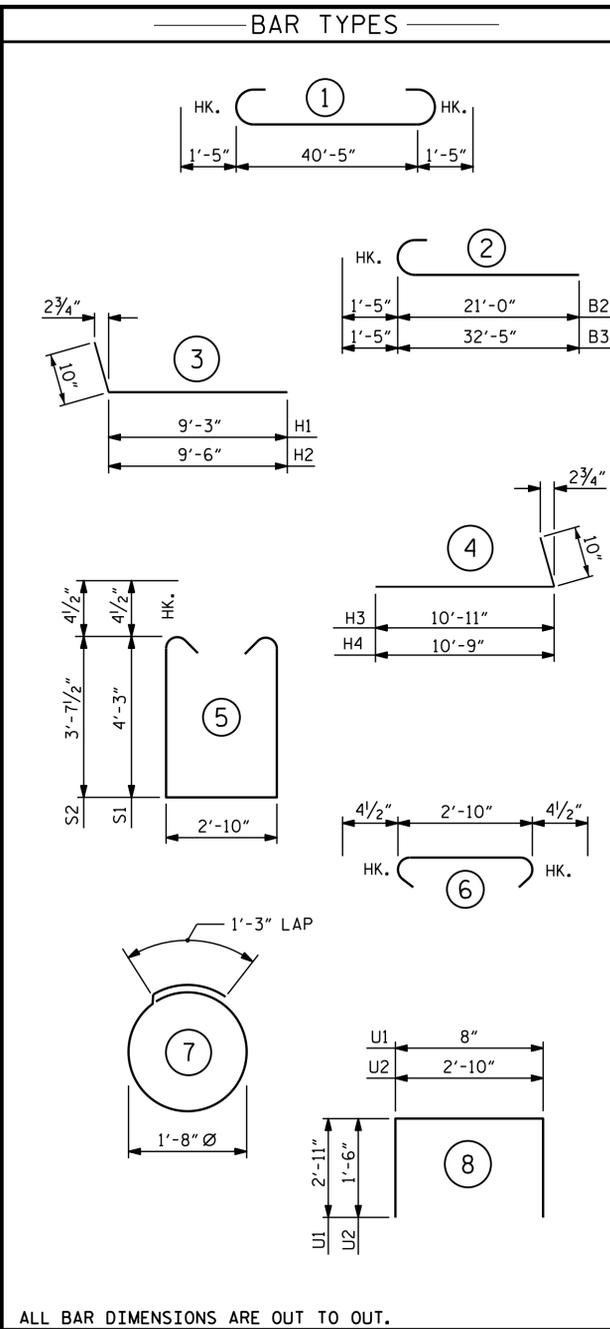
PLAN



ELEVATION

BLOCKOUT IN WING WALL

NOTE: THE CONCRETE IN THE SHADED AREA OF THE WING WALL BE POURED AFTER THE JOINT BETWEEN THE DECK AND THE APPROACH SLAB HAS BEEN SAWED AND THE BARRIER RAIL IS CAST IF SLIP FORMING IS USED.



ALL BAR DIMENSIONS ARE OUT TO OUT.

▲ THE CONCRETE DISPLACED BY THE 12\"/>

BILL OF MATERIAL					
END BENT #2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	4	#10	1	43'-3"	744
B2	4	#10	2	22'-5"	386
B3	4	#10	2	33'-10"	582
B4	6	#5	STR	40'-7"	254
B5	2	#5	STR	11'-1"	23
B6	8	#4	STR	21'-6"	115
B7	13	#4	STR	2'-10"	25
B8	3	#4	STR	7'-8"	15
B9	3	#4	STR	7'-5"	15
B10	3	#4	STR	7'-2"	14
B11	3	#4	STR	6'-11"	14
H1	18	#5	3	10'-1"	189
H2	18	#5	3	10'-4"	194
H3	20	#5	4	11'-9"	245
H4	20	#5	4	11'-7"	242
K1	16	#4	STR	21'-6"	230
K2	8	#5	STR	3'-8"	31
S1	22	#4	5	12'-1"	178
S2	20	#4	5	10'-10"	145
S3	42	#4	6	3'-7"	101
S4	20	#4	7	6'-6"	87
U1	33	#4	8	6'-6"	143
U2	15	#4	8	5'-10"	58
V1	66	#5	STR	7'-4"	505
V2	30	#5	STR	9'-0"	282
V3	33	#5	STR	10'-4"	356

REINFORCING STEEL LBS. 5173

▲ CLASS "A" CONCRETE BREAKDOWN
 POUR #1
 CAP & LOWER PART OF WINGS 25.1 C.Y.
 POUR #2
 BACKWALL & UPPER PART OF WINGS 10.1 C.Y.
 CLASS "A" CONCRETE TOTAL 35.2 C.Y.

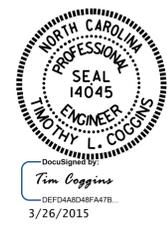
12" PRESTRESSED CONCRETE PILES
 NO. 5 LIN. FT. 225

PILE REDRIVES 3 EA.

PROJECT NO. R-2514B
 ONSLOW & JONES COUNTY
 STATION: 116+07.49 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUBSTRUCTURE END BENT No. 2					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		



SHEET NO. S1-027
 TOTAL SHEETS 31
 STR. #1